

Zhen-Jie Zhao

List of Publications by Year in descending order

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131
papers

1,543
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393982

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1680
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium-doped carbon dots with high quantum yield as an effective fluorescence and magnetic resonance bimodal imaging probe. <i>Journal of Alloys and Compounds</i> , 2016, 688, 611-619.	2.8	92
2	Enhanced fluorescence detection of proteins using ZnO nanowires integrated inside microfluidic chips. <i>Biosensors and Bioelectronics</i> , 2018, 99, 368-374.	5.3	89
3	Synthesis of Rhombic Dodecahedral Fe ₃ O ₄ Nanocrystals with Exposed High-Energy {110} Facets and Their Peroxidase-like Activity and Lithium Storage Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12588-12598.	1.5	67
4	Electronic and magnetic properties of La ₂ NiMnO ₆ and La ₂ CoMnO ₆ with cationic ordering. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	61
5	Numerical simulation of nanosecond pulsed dielectric barrier discharge actuator in a quiescent flow. <i>Physics of Fluids</i> , 2014, 26, .	1.6	61
6	Enhancement of giant magnetoimpedance effect of electroplated NiFe/Cu composite wires by dc Joule annealing. <i>Journal of Applied Physics</i> , 2003, 94, 7626.	1.1	52
7	A facile, green synthesis of highly fluorescent carbon nanoparticles from oatmeal for cell imaging. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9514-9518.	2.7	52
8	Effect of magnetic field on the magnetic properties of electroplated NiFe/Cu composite wires. <i>Journal of Applied Physics</i> , 2003, 94, 6655-6658.	1.1	48
9	One-step hydrothermal synthesis of Fe ₃ O ₄ @C nanoparticles with great performance in biomedicine. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4481-4488.	2.9	41
10	Development of high permeability nanocrystalline permalloy by electrodeposition. <i>Journal of Applied Physics</i> , 2005, 97, 10N304.	1.1	35
11	Detection of AFP with an ultra-sensitive giant magnetoimpedance biosensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 53-58.	4.0	30
12	Giant magnetoimpedance effect in CuBe/NiFeB and CuBe/insulator/NiFeB electroless-deposited composite wires. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 113-115.	1.2	28
13	Room temperature ferromagnetism and cooling effect in dilute Co-doped ZnS nanoparticles with zinc blende structure. <i>Journal of Alloys and Compounds</i> , 2014, 584, 240-243.	2.8	28
14	Current driven magnetic permeability interference sensor using NiFe/Cu composite wire with a signal pick-up LC circuit. <i>Physica Status Solidi A</i> , 2004, 201, 1992-1995.	1.7	23
15	Structure and magnetic properties of the perovskite YCo _{0.5} Fe _{0.5} O ₃ . <i>AIP Advances</i> , 2014, 4, .	0.6	22
16	Magnetoimpedance effect of FINEMET ribbons coated with Fe ₂₀ Ni ₈₀ permalloy film. <i>Journal of Alloys and Compounds</i> , 2016, 678, 494-498.	2.8	22
17	Nanocrystallization processes and reorientation of the magnetic moments of FeCuNbSiB films. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 279, 429-434.	1.0	20
18	First-principles investigation of the effect of pressure on BaFe ₂ As ₂ . <i>Physical Review B</i> , 2009, 79, .	1.1	20

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19	Crystal structure and electronic structure of quaternary semiconductors Cu ₂ ZnTiSe ₄ and Cu ₂ ZnTiS ₄ for solar cell absorber. Journal of Applied Physics, 2012, 112, .	1.1	19
20	Current density effect on magnetic properties of nanocrystalline electroplated Ni ₈₀ Fe ₂₀ /Cu composite wires. Journal of Magnetism and Magnetic Materials, 2006, 302, 113-117.	1.0	17
21	Magneto-Impedance Effect of Composite Wires Prepared by Chemical Plating under DC Current. Nano-Micro Letters, 2014, 6, 227-232.	14.4	17
22	The effect of hydrogen ordering on the electronic and magnetic properties of the strontium vanadium oxyhydride. Journal of Physics Condensed Matter, 2015, 27, 206001.	0.7	17
23	X-ray diffraction and Mössbauer Studies of $\text{Fe}_{1-x}\text{Sn}_x$ compounds (0.0 ≤ x ≤ 0.3). Journal of Magnetism and Magnetic Materials, 2001, 232, 155-160.	1.0	16
24	The GMI effect in nanocrystalline FeCuNbSiB multilayered films with a SiO ₂ outer layer. Journal Physics D: Applied Physics, 2005, 38, 1351-1354.	1.3	16
25	Giant magneto-impedance and skin effect in CuBe/CoNiP composite wires. Journal of Magnetism and Magnetic Materials, 2006, 305, 212-215.	1.0	16
26	Magnetoimpedance effect in FINEMET/Ni ₈₀ Fe ₂₀ composite ribbons. Journal of Alloys and Compounds, 2018, 730, 17-22.	2.8	16
27	Effect of Current Density on the Magnetic Properties of Electroplated NiFe Layers. Materials Science Forum, 2003, 437-438, 61-64.	0.3	15
28	Misregulation of ER-Golgi Vesicle Transport Induces ER Stress and Affects Seed Vigor and Stress Response. Frontiers in Plant Science, 2018, 9, 658.	1.7	15
29	Acicular or octahedral Fe ₃ O ₄ /rice husk-based activated carbon composites through graphitization synthesis as superior electromagnetic wave absorbers. Composites Part A: Applied Science and Manufacturing, 2021, 151, 106635.	3.8	15
30	Microfluidic synthesis of magnetic nanoparticles in droplet-based microreactors. Materials Chemistry and Physics, 2022, 276, 125384.	2.0	15
31	Comparative study of the sensing performance of orthogonal fluxgate sensors with different amorphous sensing elements. Sensors and Actuators A: Physical, 2007, 136, 90-94.	2.0	14
32	Longitudinally driven giant magneto-impedance effect enhancement by magneto-mechanical resonance. Journal of Magnetism and Magnetic Materials, 2008, 320, 1553-1556.	1.0	14
33	Giant magneto-impedance effect of magnetron sputtered Ni ₈₀ Fe ₂₀ /SiO ₂ /Cu composite wires. Journal of Magnetism and Magnetic Materials, 2008, 320, 2319-2321.	1.0	14
34	Detection of vehicle tracks by a three-axis magnetometer. Sensors and Actuators A: Physical, 2018, 276, 83-90.	2.0	14
35	Layer-Dependent Magnetism in Two-Dimensional Transition-Metal Chalcogenides $\text{M}_2\text{T}_2\text{X}_4$ (M = V, Cr, and Mn; T = S, Se, and Te; and $x = 2, 3$) <i>J. Phys. Chem. C</i> 2011, 115, 104314	0.7	14
36	Enhanced giant magneto-impedance effects in sandwich FINEMET/rGO/FeCo composite ribbons. Applied Surface Science, 2021, 545, 149021.	3.1	13

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37	Longitudinally driven magneto-impedance effect in annealed Fe-based nanocrystalline powder materials. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 246, 62-66.	1.0	12
38	Estimation of environmental effect of PVNB installed along a metro line in China. <i>Renewable Energy</i> , 2012, 45, 237-244.	4.3	12
39	Optimized giant magneto-impedance effect in electroless-deposited NiFeP/Cu composite wires. <i>Surface and Coatings Technology</i> , 2018, 334, 158-163.	2.2	12
40	Frequency-modulation-type MI sensor with nanocrystalline ribbon core. <i>Sensors and Actuators A: Physical</i> , 2005, 121, 430-433.	2.0	11
41	Enhancement of giant magnetoimpedance in composite wire with insulator layer. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 308, 269-272.	1.0	11
42	Monocrystalline mesoporous metal oxide with perovskite structure: a facile solid-state transformation of a coordination polymer. <i>Chemical Communications</i> , 2014, 50, 13849-13852.	2.2	11
43	The Electric Field Responses of Inorganic Ionogels and Poly(ionic liquid)s. <i>Molecules</i> , 2020, 25, 4547.	1.7	11
44	Plasmon-enhanced up-conversion luminescence and oxygen vacancy defect-induced yellow light in annealed Cu ₈ S ₅ @SiO ₂ @Er ₂ O ₃ nanocomposites. <i>Journal of Luminescence</i> , 2020, 225, 117361.	1.5	11
45	Preparation of Cellulose/Laponite Composite Particles and Their Enhanced Electrorheological Responses. <i>Molecules</i> , 2021, 26, 1482.	1.7	11
46	Stretching-Tunable High-Frequency Magnetic Properties of Wrinkled CoFeB Films Grown on PDMS. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29975-29983.	4.0	11
47	Nitrogenation of the magnetic compound R(Fe,M) ₁₂ . <i>Journal of Applied Physics</i> , 1998, 83, 1983-1987.	1.1	10
48	Enhancement of giant magneto-impedance effect in Ni ₈₀ Fe ₂₀ /SiO ₂ /Cu composite wires. <i>Physica B: Condensed Matter</i> , 2009, 404, 3766-3770.	1.3	10
49	Integrated and diffusion-based micro-injectors for open access cell assays. <i>Lab on A Chip</i> , 2011, 11, 2612.	3.1	10
50	Microfluidic devices with disposable enzyme electrode for electrochemical monitoring of glucose concentrations. <i>Electrophoresis</i> , 2011, 32, 3201-3206.	1.3	10
51	Magnetoimpedance effect of the Ni ₈₀ Fe ₂₀ /Cu composite wires: The influence of DC current imposed on the Cu base. <i>AIP Advances</i> , 2014, 4, .	0.6	10
52	Investigation of dipolar interaction in FINEMET ribbons through longitudinally driven magneto-impedance effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 452, 502-506.	1.0	10
53	Polyaniline-based networks combined with Fe ₃ O ₄ hollow spheres and carbon balls for excellent electromagnetic wave absorption. <i>Ceramics International</i> , 2022, 48, 811-823.	2.3	10
54	Magnetically Controlled Electroplating of NiFe/Cu Composite Wires. <i>Electrochemical and Solid-State Letters</i> , 2004, 7, C1.	2.2	9

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55	Synthesis and characterization of $\text{Fe}_2\text{O}_3/\text{C}$ nanocomposite as an efficient catalyst for the degradation of methylene blue. <i>Desalination and Water Treatment</i> , 2016, 57, 9226-9236.	1.0	9
56	Surface morphology and magnetic anisotropy of zigzag wrinkled NiFe films grown on polydimethylsiloxane. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 497, 165911.	1.0	9
57	Magnetic properties and giant magnetoimpedance effect of FINEMET/Fe50Pt50 composite ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 513, 167080.	1.0	9
58	Searching high spin polarization ferromagnet in Heusler alloy via machine learning. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 205901.	0.7	9
59	Preparation and Characterization of Fe_3SnN . <i>Physica Status Solidi A</i> , 1999, 174, 249-253.	1.7	8
60	Observations of magnetic coupling in Fe-based nanocrystalline alloy by high-temperature giant magneto-impedance effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 246, 422-424.	1.0	8
61	Effect of pH Values on Magnetic Properties of Electroplated NiFe Layers. <i>Materials Science Forum</i> , 2003, 437-438, 57-60.	0.3	8
62	Intermittent deposition and interface formation on the microstructure and magnetic properties of NiFe/Cu composite wires. <i>Physica B: Condensed Matter</i> , 2008, 403, 3054-3058.	1.3	8
63	Synthesis, Characterization and Adsorption Properties of Magnetic $\text{Fe}_2\text{O}_3/\text{C}$ Nanocomposite. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5924-5932.	0.9	8
64	Dipolar interaction in multiple FINEMET ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 476, 297-301.	1.0	8
65	Exchange coupling and dipolar interactions in FINEMET/Fe50Pd50 composites ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 530, 167948.	1.0	8
66	Heavy metal characteristics in porewater profiles, their benthic fluxes, and toxicity in cascade reservoirs of the Lancang River, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 36013-36022.	2.7	8
67	Magneto-resonance frequency shift study of Fe-based nanocrystalline powder cores. <i>Sensors and Actuators A: Physical</i> , 2005, 117, 252-255.	2.0	7
68	Investigation of phase changes in Ge1Sb4Te7 films by single ultra-fast laser pulses. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 529-533.	1.1	7
69	Resonance Enhancement of the Giant Magnetoimpedance Effect in Glass-Coated Microwires With Outer Conductive Layer. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 3146-3148.	1.2	7
70	Giant Magneto-impedance Effect in Composite Wires with Different Core Layer. <i>Nano-Micro Letters</i> , 2013, 5, 140-144.	14.4	7
71	Study of dipolar interaction in amorphous microwires using longitudinally driven magneto-impedance effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 452, 331-334.	1.0	7
72	Giant Magneto-Impedance Effect in Ni ₈₀ Fe ₂₀ Composite Multilayers. <i>IEEE Transactions on Magnetics</i> , 2006, 42, 2799-2801.	1.2	6

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73	Dipole-dipole interaction in electronic article surveillance system. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 305002.	1.3	6
74	Observation of the transition state of domain wall displacement and GMI effect of FINEMET/graphene composite ribbons. <i>RSC Advances</i> , 2019, 9, 39133-39142.	1.7	6
75	Biodetection using a ZnO nanorod-based microfluidic device with a concentration gradient generator. <i>New Journal of Chemistry</i> , 2020, 44, 5186-5189.	1.4	6
76	Enhanced asymmetric giant magneto-impedance effect and linearity in sandwich FePd/FINEMET/FePd composite ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 543, 168597.	1.0	6
77	^{57}Fe Mössbauer study of the interstitial nitrogen atom effects of NdFe _{10.5} V _{1.5} N _x . <i>Journal of Applied Physics</i> , 1998, 83, 6923-6925.	1.1	5
78	Giant magneto-impedance effect on nanocrystalline microwires with conductive layer deposit. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 285, 55-59.	1.0	5
79	A new frequency-Modulation-type MI sensor. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 3694-3696.	1.2	5
80	Phase transformations induced in Ge ₁ Sb ₂ Te ₄ films by single femtosecond pulses. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 131, 88-93.	1.7	5
81	Plasmon-enhanced up-conversion luminescence in multiple Cu ₂ S@SiO ₂ -embedded Er(OH)CO ₃ composites. <i>Journal of Alloys and Compounds</i> , 2021, 853, 156906.	2.8	5
82	Enhancing up-conversion luminescence of Er ³⁺ with copper sulfide nanostructures. <i>Journal of Luminescence</i> , 2021, 240, 118425.	1.5	5
83	Titanium Dioxide Nanoparticles Modified with Disulfonic Acid Functionalized Imidazolium Ionic Liquids for Use as Electrorheological Materials. <i>ACS Applied Nano Materials</i> , 2021, 4, 12382-12392.	2.4	5
84	A Comparative Study of the Structural and Magnetic Properties of $\hat{\text{Fe}}^{\text{1}}\hat{\text{Fe}}^{\text{2}}\text{-}(\text{Fe}^{\text{1}}\hat{\text{Fe}}^{\text{2}}\text{-}\text{Nix})_4\text{N}$. <i>Physica Status Solidi A</i> , 1999, 174, 255-262.	1.7	4
85	Influence of measuring method on enhancement of giant magneto-impedance effect in glass-coated microwires with outer conductive layer. <i>Sensors and Actuators A: Physical</i> , 2007, 137, 244-247.	2.0	4
86	Evolution of magnetic permeability and magneto-impedance effect in composite wires with insulator layer. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 994-998.	1.0	4
87	Phenomenological theory of the giant magnetoimpedance of composite wires. <i>Europhysics Letters</i> , 2013, 101, 17005.	0.7	4
88	Proper pH value enhances giant magneto-impedance effect of FINEMET/rGO composite ribbons by electroless plating. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 265, 115004.	1.7	4
89	Magnetic properties and giant magneto-impedance effect of FINEMET/IGZO composite ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 544, 168662.	1.0	4
90	Large frequency shift in Fe-based nanocrystalline powder cores. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 278, 82-86.	1.0	3

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91	A Mössbauer study of iron/polytetrafluoroethylene nanocomposites prepared by high-energy ball milling. Nuclear Science and Techniques/Hewuli, 2006, 17, 139-142.	1.3	3
92	Sensitivity enhancement of longitudinally driven giant magnetoimpedance magnetic sensor using magnetoelastic resonance. Sensors and Actuators A: Physical, 2010, 161, 62-65.	2.0	3
93	Magnetoelastic resonance enhancement of longitudinally driven giant magnetoimpedance effect in FeCuNbSiB ribbons. Physica B: Condensed Matter, 2010, 405, 327-330.	1.3	3
94	GIANT MAGNETO-IMPEDANCE EFFECTS AND MAGNETIC PERMEABILITY IN $\text{CuBe}/\text{INSULATOR}/\text{CoNiP}$ ELECTROLESS DEPOSITED COMPOSITE WIRES. International Journal of Modern Physics B, 2011, 25, 111-117.	1.0	3
95	Influence of an Electronic Field on the GMI Effect of Fe-based Nanocrystalline Microwire. Nano-Micro Letters, 2013, 5, 13-17.	14.4	3
96	Structural and Electronic Properties of $\text{Sr}_2\text{CoO}_2\text{Cl}_2$. Journal of Electronic Materials, 2016, 45, 4843-4846.	1.0	3
97	Pressure-induced structural and magnetic transitions in the infinite-chains iron oxide Sr_2FeO_3 : a first-principle investigation. Journal Physics D: Applied Physics, 2016, 49, 055303.	1.3	3
98	Magnetostatic interaction in multi-shell $\text{Ni}_{80}\text{Fe}_{20}/\text{Cu}$ composite wires. Journal of Magnetism and Magnetic Materials, 2018, 460, 1-5.	1.0	3
99	Preparation and magnetic properties of composite wire with double magnetic layers. Journal of Magnetism and Magnetic Materials, 2019, 490, 165531.	1.0	3
100	A Mössbauer spectroscopic study of an industrial catalyst for dehydrogenation of ethylbenzene to styrene. Hyperfine Interactions, 2006, 167, 825-831.	0.2	2
101	Structure, magnetic properties and giant magnetostriction studies in $[\text{Tb}/\text{Fe}/\text{Dy}]_n$ nano-multilayer film. Science Bulletin, 2009, 54, 608-611.	1.7	2
102	First-principle investigations of K_2NiF_4 -type double perovskite oxides $\text{La}_4\text{Ba}_2\text{Ba}'_3\text{O}_8$ ($\text{Ba}' = \text{Fe, Co, Ni}$). Journal of Applied Physics, 2014, 115, 213910.	1.1	2
103	STRESS-INDUCED ASYMMETRIC MAGNETOIMPEDANCE EFFECT IN $\text{Ni}_{80}\text{Fe}_{20}/\text{Cu}$ COMPOSITE WIRES. Surface Review and Letters, 2017, 24, 1750109.	0.5	2
104	Magnetic properties and giant magneto-impedance effect in electroless-deposited CoP/Cu composite wires. Materials Research Express, 2019, 6, 066101.	0.8	2
105	Distinguish exchange coupling and dipolar interaction in FINEMET/FePt/FePd composite ribbons. Journal of Magnetism and Magnetic Materials, 2022, 547, 168937.	1.0	2
106	Enhanced giant magnetoimpedance effect in FINEMET/ TiO_2 composite ribbons. Journal of Materials Science: Materials in Electronics, 2022, 33, 2744-2752.	1.1	2
107	Electronic structures and hyperfine interactions of $\text{YFe}_{10}\text{Mo}_2$ and $\text{YFe}_{10}\text{Mo}_2\text{Z}$ ($\text{Z} = \text{H, N}$). Solid State Communications, 1998, 107, 571-575.	0.9	1
108	Giant magneto-impedance and low-frequency magneto-resistance effect in NiFeB coated composite wires. Science Bulletin, 2004, 49, 1002.	1.7	1

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109	Giant magneto-impedance and low-frequency magneto-resistance effect in NiFeB coated composite wires. Science Bulletin, 2004, 49, 1002-1005.	1.7	1
110	Development of High Permeability Nanocrystalline Ferromagnetic Materials by Pulse Plating. Journal of Metastable and Nanocrystalline Materials, 2005, 23, 163-166.	0.1	1
111	STEP CURRENT ELECTRODEPOSITION OF NANOCRYSTALLINE Ni ₈₀ Fe ₂₀ /Cu COMPOSITE WIRES. International Journal of Nanoscience, 2005, 04, 179-186.	0.4	1
112	Structure and magnetic properties of iron/cobalt-based glass-covered microwires. Physica Scripta, 2007, T129, 153-156.	1.2	1
113	High-frequency giant magneto-reactance effect in a composite wire LC-resonator. Science Bulletin, 2008, 53, 1128-1132.	4.3	1
114	THE GIANT MAGNETOSTRICTION AND MAGNETIC PROPERTIES OF THE AMORPHOUS ALTERNANT [Tb/Fe/Dy] _n AND [Fe/Tb/Fe/Dy] _m NANO-MULTILAYER FILMS. Surface Review and Letters, 2008, 15, 619-623.	0.5	1
115	GIANT MAGNETO-IMPEDANCE EFFECT OF MAGNETRON SPUTTERED Ni ₈₀ Fe ₂₀ /Cu COMPOSITE WIRES. Surface Review and Letters, 2008, 15, 753-756.	0.5	1
116	THE GIANT MAGNETOSTRICTION OF [Fe/Tb/Fe/Dy] _n MULTILAYER FILMS UNDER DIFFERENT ANNEALING TEMPERATURE. Surface Review and Letters, 2009, 16, 123-126.	0.5	1
117	EFFECT OF ROTATING DIRECTION AND INTERVAL ON GIANT MAGNETO-IMPEDANCE OF SPUTTERED Ni ₈₀ Fe ₂₀ /Cu COMPOSITE WIRES. Surface Review and Letters, 2011, 18, 223-227.	0.5	1
118	A Mössbauer spectroscopic study on the action of Ce in the catalyst for dehydrogenation of ethylbenzene to styrene. Hyperfine Interactions, 2012, 205, 81-85.	0.2	1
119	Magnetic and optical properties in the 1D TM ²⁺ O chain compounds Sr ₂ TMO ₃ (TM = Ni, Co): A first-principle investigation. Modern Physics Letters B, 2016, 30, 1650119.	1.0	1
120	Magnetoelastic coupling effect of Fe ₁₀ Co ₉₀ films grown on different flexible substrates. Chinese Physics B, 2020, 29, 117501.	0.7	1
121	A new frequency-modulation-type MI sensor. , 2005, , .		0
122	Magneto-impedance effect in NiFeP/CuBe electrodeless-deposited wires by dc Joule annealing. , 2005, , .		0
123	Current density effect on magnetic properties of nanocrystalline electroplated Ni ₈₀ /Fe ₂₀ /Cu composite wires. , 2005, , .		0
124	Effect of Magnetic Field on the Magnetic Structure of Nanocrystalline Electroplated NiFe Layers. Journal of Metastable and Nanocrystalline Materials, 2005, 23, 167-170.	0.1	0
125	Electromagnetic analysis of GMI effect in sandwich structured films. Journal of Shanghai University, 2006, 10, 357-361.	0.1	0
126	Influence of dc Joule Annealing on Magnetoimpedance of CuBe/CoNiP Composite Wires. , 2006, , .		0

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127	Giant Magneto-Impedance Effect in Ni ₈₀ Fe ₂₀ Compositied Multilayers. , 2006, , .		0
128	ENHANCEMENT OF GIANT MAGENTO-IMPEDANCE EFFECT USING LC RESONANCE. Surface Review and Letters, 2008, 15, 87-90.	0.5	0
129	Magnetoelastic resonance enhancement of giant magnetoimpedance effect for Fe-based nanocrystalline alloy. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2009, 8, 021150.	1.0	0
130	Magnetic and optical anisotropy in the infinite-chains iron oxide Sr ₂ FeO ₃ : A first-principle investigation. Europhysics Letters, 2015, 110, 37006.	0.7	0
131	Enhancement of Hole Barrier and Light Absorption in the {112} Surface of CuIn _{0.5} Ga _{0.5} Se ₂ Solar Cell. Journal of the Electrochemical Society, 2015, 162, H376-H379.	1.3	0